CLAIMS

We claim:

1. A cylinder for a rotary printing machine comprising:

a cylinder casing; and

first and second side parts disposed at opposite ends of said cylinder casing attached therewith and defining with said side parts a cylinder body assembly, said cylinder casing being one selected from a plurality of cylinder casings of different outside diameters to each of which said side parts can be attached.

2. A cylinder according to claim 1, wherein each of said side parts has a collar, the collars bearing against respective ones of the ends of said cylinder casing and being screwed thereto, said side parts being centered coaxially with said cylinder casing in a fit therewith wherein outside diameter structure on one of said side parts and said cylinder casing engages with inside diameter structure on a other one of said side parts and said cylinder casing.

3. A cylinder according to claim 1, comprising:

external cone surfaces on one of said side parts and said cylinder casing, and internal cone surfaces on a other of said side parts and said cylinder casing, said side parts being screwed to said cylinder casing to urge the external cone surfaces into engaged pairing with the internal cone surfaces.

4. A cylinder according to claim 2, wherein said collars are screwed to end faces of the cylinder casing with screws.

5. A cylinder according to claim 3, wherein said collars are screwed to end faces of the cylinder casing with screws.

6. A cylinder according to claim 2, wherein each of said side parts has an externally threaded shoulder, said cylinder casing having internal threaded surfaces with which said external threaded shoulders are engageable for screwing said side parts to said cylinder casing.

7. A cylinder according to claim 3, wherein each of said side parts has an externally threaded shoulder, said cylinder casing having internal threaded surfaces with which said external threaded shoulders are engageable for screwing said side parts to said cylinder casing.

8. A cylinder according to claim 1, wherein said cylinder casing has a longitudinal passage extending therein between first end and second end regions of said cylinder casing, said passage in said first end region being connectable to an external location compressed air supply, said cylinder casing having a first radial bore in said second end region, an end of said radial bore being in communication with said passage, said second side part having a side part portion located inside said cylinder casing at said second end region, said side part portion having an annular encircling groove therein, an opposite end of said radial bore communicating with said annular groove, said cylinder casing having at least a second radial blowing bore therein located circularly distal the location of said first radial bore, said radial blowing bore being in communication with said annular groove and having an outlet

at the outer surface of said cylinder casing whereby an air flow from the compressed air can be communicated to said outer surface.

9. A cylinder according to claim 8, wherein said first side part has a feed passage communicating with said longitudinal passage at said first end region of said cylinder casing, said first side part further having a connecting bore passage in communication said feed passage, said connecting bore passage being connectable to the external location compressed air supply.

10. A cylinder according to claim 8, comprising a ring mounted on said first end part, said ring having a connecting bore therein connectable to the external location compressed air supply, and a feed passage extending from the bore passage and being in communication with said longitudinal passage at said first end region of said cylinder casing.

11. A cylinder according to claim 1, comprising a first journal, said first side part being connected to said first journal.

12. A cylinder according to claim 1, comprising:

a first journal including a hub and a rod, said hub being disposed at an outer end of said first side part, said rod passing through a center bore in said first side part and through a center bore in said second side part;

a second journal including a hub, said second journal hub being disposed at an outer end of said second side part; and

a tightening screw passing through a center bore of said second side part and engaging threads in a bore of said first journal rod for urging said first and second journals against the outer ends of the said first and second parts, respectively.

13. A cylinder according to claim 8, wherein the cylinder is a printing machine forme cylinder.

14. A cylinder according to claim 8, wherein the cylinder is a printing machine transfer cylinder.

15. A cylinder according to claim 8, wherein the cylinder is one of an inking-unit cylinder, and a dampening unit cylinder.